

## 32-13450: SPARC Mouse

**Alternative Name :** Osteonectin, ON, Basement-membrane protein 40, BM-40, SPARC, Secreted Protein acidic and Rich in Cysteine

### Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

Secreted Protein Acidic & Rich in Cysteine (SPARC) protein is coded by the SPARC gene in humans. SPARC is a glycoprotein located in bones that binds to calcium. SPARC is produced by fibroblasts, capillary endothelial cells, platelets and macrophages, mainly in areas of tissue morphogenesis and remodelling. Asides from calcium, SPARC can also bind to collagen.

SPARC Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 291 amino acids (18-302a.a) and having a molecular mass of 33.3kDa.SPARC is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 5 µg / 20 µg

**Purification :** Greater than 95.0% as determined by SDS-PAGE.

**Content :** The SPARC solution (0.25mg/ml) contains Phosphate-Buffered Saline (pH 7.4) and 10% glycerol.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

**Amino Acid :** APQQTEVAEE IVEEETVVEE TGVPVGANPV QVEMGEFEDG AEETVEEVVA DNPCQNHCK  
HGKVCELDES NTPMCVCQDP TSCPAPIGEF EKVCSNDNKT FDSSCHFFAT KCTLEGTKKG HKLHLDYIGP  
CKYIAPCLDS ELTEFPLRMR DWLKNVLVTL YERDEGNLL TEKQKLRVKK IHENEKRLEA GDHPVELLAR  
DFEKNYNMYI FPDVHWQFGQL DQHPIDGYLS HTELAPLRAP LIPMEHCTTR FFETCDLDND KYIALEEWAG  
CFGIKEQDIN KDLVIHHHHH H